

Region 3 GPRA Baseline RCRA Corrective Action Facility

United Defense, L.P.

P.O. Box 15512

York, PA 17405-1512

Congressional District 19

EPA ID #: PAD003025418

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Current Progress at the Site

In September, 1991 issued a Corrective Action Permit to United Defense (as the BMY Division of the HARSCO Corporation). Under this permit, United Defense conducted an investigation of the 50 acres facility site at York, PA.

During the investigation, United Defense found 2 areas where it was necessary to begin remediation through Interim Measures. Soils on site were contaminated with volatile organic compounds (VOCs) and, in response, United Defense installed a soil vapor extraction system. The soil vapor extraction system began operation in April 1992 and all soils were fully remediated by December, 1999.

At the West Warehouse area, the groundwater is primarily contaminated with volatile organic compound (VOCs) tetrachloroethene (PCE) and trichloroethene (TCE) and a pump and treat system began operation in May, 1990. Since the system is in operation total volatile organic compound concentrations in the area have shown a steady decline.

At the Eastern Property Boundary Area the groundwater is also contaminated with volatile organic compounds tetrachloroethene (PCE) and trichloroethene (TCE). The groundwater pump and treat system began to operate here in March, 1992. Since then, total volatile organic compound levels in one well have dramatically decreased.

United Defense submitted a RCRA Facility Investigation Final Report in May, 1996 and an addendum covering the removal of the old waste water treatment plant in December, 1998. EPA approved the report in June, 1999. A Corrective Measures study for the United Defense was submitted to EPA in December, 1999. The existing groundwater pump and treat systems at the east and west ends of the United Defense site are successfully removing contamination and keeping contaminated groundwater on-site. The groundwater remains contaminated with low levels of tetrachloroethene (PCE) and trichloroethene (TCE).

Site Description

United Defense, formerly the BMY Division of the HARSCO Corporation, is located approximately 5 miles southwest of the City of York, PA and approximately one half mile from Codorus Creek. United Defense is a manufacturing plant which produces armored defense vehicles (ex., tanks) for the Department of Defense.

The primary hazardous wastes at the site include waste solvents, waste paint and thinner, and

metal hydroxide sludge. The largest waste stream is from dipping tanks for chromate conversion coating of aluminum. This process generates chromium waste water and acids. Most of this waste is processed on-site at the waste water treatment plant.

Site Responsibility

RCRA Corrective Action activities at the United Defense are being conducted under the direction of EPA Region 3 with assistance from the State.

Contaminants

Contaminated soils have been removed or remediated. The existing groundwater pump and treat system at the east and west ends of the site is successfully removing contamination and keeping contaminated groundwater on-site. The groundwater remains contaminated with low levels of tetrachloroethene (PCE) and trichloroethene (TCE).

Community Interaction

EPA issued a Statement of Basis (SB) describing the Proposed Remedy for United Defense on April 15, 2005. The Statement of Basis described the information gathered during the environmental investigations of the Facility, described the completed clean-up actions at the Facility, and explained EPA's proposal for the final remedy at the Facility. The public comment period began April 15, 2005 and ended May 30, 2005. The public comment period was announced in the York Daily Record on April 15, 2005. The Final Decision and Response to Comments (Final Decision) was issued by the EPA on.....The purpose of this Final Decision is to describe the Final Remedy selected by EPA at the Facility. This Final Decision presents the concerns and issues raised during the public comment period that followed the issuance of EPA's Statement of Basis for a Proposed Remedy at the Facility. This Final Decision also responds to all comments received by EPA regarding the Proposed Remedy.

Institutional Controls

United Defense will continue to treat groundwater to address VOCs contamination by two separate groundwater remediation systems. The West Warehouse Area and the Eastern Property Boundary Area systems are collected contaminated groundwater, striped the VOCs with Air Stripping Tower technology, and discharged the treated effluent to a storm water channel. Also, on-site groundwater is not currently used as a drinking water source and UDLP has no plans for such future use, to provide additional protection, the proposed remedy includes institutional controls to prohibit the development of on-site wells for drinking water or other domestic uses at the Facility. The institutional controls will be effective as long as necessary to prevent exposure while the plume is being remediated.

Government Contact

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For more information about EPA's corrective action webpage, including Environmental Indicators, please visit our site at: www.epa.gov/reg3wcmd/correctiveaction.htm

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